

Commonwealth of Kentucky  
Division for Air Quality

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Link Shumaker

**GENERAL INFORMATION:**

**Name:** Red Wing Shoe Company  
**Address:** 1020 Hustonville Rd. Danville, KY 40422  
**Date Received:** February 18, 2003  
**SIC Code:** 3143  
**EIS/ID #:** 21-021-0047  
**Log #:** 55530  
**AI #:** 382  
**Permit #:** F-05-013

**APPLICATION TYPE/PERMIT ACTIVITY:**

<input type="checkbox"/> Initial Issuance	<input type="checkbox"/> General Permit
<input type="checkbox"/> Permit Modification	<input checked="" type="checkbox"/> Conditional Major
<input type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input type="checkbox"/> Synthetic Minor
<input type="checkbox"/> Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit Renewal	<input type="checkbox"/> Construction/Operating

**COMPLIANCE SUMMARY:**

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

**APPLICABLE REQUIREMENTS LIST:**

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAP
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> SIP
Not major modification per 401 KAR	
<input checked="" type="checkbox"/> 51:017, 1(23)(b) or 401 KAR 51:052, 1(14)(b)	<input type="checkbox"/> Other

**MISCELLANEOUS:**

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposed new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution prevention measures
- ☐ Area is non-attainment (list pollutants):

**EMISSIONS SUMMARY:**

<b>Pollutant</b>	<b>CAS#</b>	<b>Actual Emissions (TPY)</b>	<b>Potential Emissions (TPY)</b>
<b>VOC</b>		16.44	27.84
<b>Individual HAP</b>			
<b>Glycol Ether</b>		0.085	0.143
<b>Hexane</b>	10-54-3	0	0
<b>MEK</b>	78-93-3	4.14	7.01
<b>Toluene</b>	108-88-3	5.21	8.82
<b>Xylene</b>	1330-20-7	0	0
<b>Total HAP</b>		9.44	16.0

**DESCRIPTION:**

Red Wing Shoe Company manufactures men's footwear at a rate of 200 pairs per hours. Emissions include glycol ether, hexane, MEK, toluene, VOCs, and Xylene. To preclude major source requirements the facility volunteers to take the enforceable limits of 2260 hours of operation per year. While 2260 is their maximum annual operating limit, the plant generally operates at 8 hr/day, 5 days/wk, and 50 wk/yr. This correlates to 2000 hr/yr. Operating in this scenario keeps Red Wing Shoe Company below major source thresholds for Hazardous Air Pollutants (HAPs) and other Regulated Air Pollutants (RAPs). Red Wing Shoe Company was issued a conditional major permit in August of 1998 and has applied for a renewal in February of 2003.